

## **ENTERPRISE SINGAPORE (ESG)**

Enterprise Singapore is the government agency building enterprise capabilities and innovation capacities, transforming industries, and facilitating access to global market opportunities. We strive to develop Singapore into a leading global trading hub and a vibrant start-up hub.

We attract global commodities traders to establish their global or Asian home base in Singapore. Today, Singapore is a thriving trading hub with a complete ecosystem for the energy, agri-commodities and metals & minerals trading clusters. We are also home to many global enterprises, start-ups and investors who operate in Singapore's robust pro-enterprise environment.

Renowned for our dedication to quality and innovation, Singapore companies make ideal business partners. With our global network in over 35 locations spanning many developed and emerging markets, we connect businesses with relevant Singapore companies for their business expansion.

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## **Manufacturing Track Delegates**

## ACCURON TECHNOLOGIES LIMITED



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URL: <http://www.accuron.com/>

### Company Profile:

**Accuron Technologies (Accuron)** is a global precision engineering and technology group, having core competencies in precision manufacturing, material processing, systems design and system integration. We aspire to be a leading player in niche segments of our industries.

Accuron comprises three business units that operate autonomously, in Aerospace, Industrial and MedTech, and has established operations in major markets in Asia, Europe and the USA.

### Accuron Industrial Technologies

Accuron Industrial Technologies (AIT), through the business of esmo AG, mechatronic systemtechnik GmbH and Zasche Handling GmbH, specialises in the design & build of general handling/ wafer-handling, cleaning, assembly, testing and other engineering equipment as well as automation solutions to support a wide span of end-industries such as semiconductor, automotive, consumer products, electric mobility, food & beverage, etc.

We provide innovative and high quality manufacturing equipment and solutions to leading MNCs globally to meet their manufacturing needs and help them achieve their business objectives.

**esmo AG** (<https://esmo-group.com/en/>)

**mechatronic systemtechnik GmbH** (<https://www.mechatronic.at/>)

**SLE electronic GmbH** (<https://sle-electronic-en.jimdo.com/>)

**Zasche Handling GmbH** (<http://www.zasche.de/en/>)

### Objective of mission:

What you hope to achieve during the mission

- Explore new partnerships and market opportunities with suppliers, equipment OEMs, system integrators and automation players for both Accuron Industrial Technologies group and individual subsidiaries (Esmo, Mechatronic, SLE, Zasche)
- Explore potential investment opportunities in industrial equipment companies

**Representatives:**

Personnel photo	<b>Mr. Lee Wah Soon</b> Designation: Business Development Director Email: <a href="mailto:leews@accuron.com">leews@accuron.com</a> Office Tel: +65 68678806
Personnel photo	<b>Mr. Jonathan Siew</b> Designation: Business Development Manager Email: <a href="mailto:jonathansiew@accuron.com">jonathansiew@accuron.com</a> Office Tel: +65 68678804



Address: 52 Serangoon North Avenue 4 Singapore 555853

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<http://www.aem.com.sg/>

**Company Profile:**

AEM is a leading developer of material and test handlers used by global semiconductor, solar and RFID companies

In a fast expanding wireless and data driven (5G) economy, we expect a significant growth in the number and variety of small scale yet mission critical devices that will need to be produced and tested.

We are pioneers and partners in the modular testing ecosystem needed in lowering test costs and increasing production output for our customers in the manufacture of small scale, high-mix, and high volume devices.

Today, AEM solutions power some of the most advanced, large-scale production lines in the world, including microprocessors, solar cells and smart cards/ RFID.

We excel in the rollout and uptime assurance of our highly complex handling equipment, globally and 24/7. This allows us to serve our customers successfully across the entire equipment lifecycle from design through end-of-life, resulting in diversified and long-lived revenue streams for our business.

Our unique capabilities and the long-lived nature of our solutions drive strengths in our business model.

With the recent acquisition of a network infrastructure testing and measurement company whose founding employees have developed 3 successful cable test products to worldwide markets over the last 14 years, AEM now has portfolio of test solutions including a Vector Network Analyzer and a handheld network cable tester suitable for RF component researchers and manufacturers, cable designers and manufacturer including automotive, premise, and industrial cables, Test and measurement industry.

**Objective of exhibiting at trade fair:**

AEM aims to showcase these newly acquired innovative solutions to address large potential global markets that are immediately adjacent to AEM's core handling market

**Objective of mission:**

To launch and introduce to the world's first Ultra Fast MMVNA 100 and a fully comprehensive highly flexible Cable Certifier (TestPro CV100) with PoE measurement capabilities.


Short Product Description

THE MMVNA 100 supports mixed mode analysis of four-port balanced DUTs, with an additional single-ended port for shield connections. It is a portable device that can be connected to a PC-based data analysis software like Excel through a USB connection. The MMVNA 100 can also be controlled through an easy-to-use GUI on a computer.

The TestPro CV100 platform features the most sophisticated RF measurement engine available in any handheld tester. Capable of supporting up to 3GHz frequency range, and testing all mode combination parameters (including TCL), the TestPro CV100 exceeds the level 2G accuracy specifications for copper certification testing. Currently available adapters provide CAT6A certification test, with an active roadmap for CAT8 certification. The capability of the TestPro CV100 platform makes it an ideal platform for fibre certifications as well, which will be added in the near future.

The AD\_NETPOE adapter on the TestPro 100 provides the most comprehensive test functionality for verifying PoE deployments. All PoE standards including the 90W 802.3bt standards are supported. The PoE source is tested with actual load connection. The tester also allows for sustained loading of the PoE source over longer periods, through external loads. In addition to operational tests on PoE, the tester enables characterisation of cabling links for resistance unbalance parameters in accordance with the latest TIA 1152A standard for certification testing.

#### Representatives:

Personnel photo	<b>Mr. Lo Wee Tick</b> Marketing Director Email: <a href="mailto:lo.wt@aem.com.sg">lo.wt@aem.com.sg</a>
	<b>Mr. Arvind C. Patel</b> Designation: Engineering Director Email: <a href="mailto:Arvind.patel@aem.com.sg">Arvind.patel@aem.com.sg</a>





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#### **Company Profile:**

AMT specialises in metal and ceramic injection molding, 3D metal printing, precision machining, assembly capabilities, contract ETO sterilization services, customize surgical and procedural kitting solution.

Incorporated in 1990 and headquartered in Singapore, AMT Pte Ltd is a subsidiary of Accuron Technologies with manufacturing facilities in Singapore, Dongguan China and Johor Bahru Malaysia.

In area of injection molding, AMT is capable of processing an annual capacity of 500 tons of materials comprising of stainless steel, low alloy steels, soft magnetic alloy, super alloy, copper and ceramic materials like alumina, zirconia and ZTA. In the space of 3D metal printing, AMT print material such as stainless steel, tool steel, cobalt chromium, Inconel, aluminum and titanium.

Certified to ISO 13485, ISO 9001 and ISO/TS 16949 (compliant) QMS, AMT delivers cost-effective manufacturing solutions for applications in the medical, industrial, automotive and electronics sectors worldwide.

#### **Product / Services Offerings:**

- Metal & Ceramic Injection Molding (MIM & CIM). Innovation in this area includes: Complex internal channels, Thin wall capabilities, Bi-material integration and In-coring technology.
- 3D Metal Printing
- Contract Manufacturing
- Cleanroom manufacturing & assembly operations
- Contract ETO sterilization services
- Customize surgical and procedural kitting solution

#### **Objective of exhibiting at trade fair:**

- 1) To understand more on the latest technology development in the market.
- 2) To obtain new customer leads to expand sales.
- 3) To meet companies who requires reliable contract manufacturing solutions to deliver complex metal components and 3D metal prototyping services for new product introduction.

#### **Objective of mission:**

To obtain good leads and get business opportunities from new customers.

**Representatives:**

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	<p>Name: Daryl Ho Designation: Marketing Manager Email: darylho@amt-mat.com Tel: 9835 1603</p>



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[www.astech.com.sg](http://www.astech.com.sg)

#### **Company Profile:**

ASTech is an automation system provider and system integrator. We provide engineering solutions, automated machines and total automation turnkey solutions to manufacturing companies to streamline their manufacturing processes, improve productivity and reduce their operations cost.

We specialize in CNC Automation, we partnered with machine tool companies, Mazak, Makino, Hwacheon, DMGMORI, etc. and Robot makers, Fanuc, Yaskawa, ABB, etc. to deploy robotic solutions for machine tending and secondary processes such as quality inspection, verification, deburring, polishing, washing, drying, filtering, marking, MES and other related processes. Our systems are Industry 4.0 enabled with IoT solutions.

Since established in 2003, ASTech had built up many experience and expertise serving the Aerospace, Oil & Gas, Automotive, Food & Beverages and Electronics Industries, etc.

#### **Product / Services Offerings:**

- 1) Automation System Design & Manufacture
- 2) System Development & Integration
- 3) Control System Design & Software Programming



#### **Objective of exhibiting at trade fair:**

- 1) To create awareness of our company brand to the manufacturing world.
- 2) To find leads for our business expansion in Europe.
- 3) To find customers – Metal Manufacturers who had CNC machines in Precision Engineering industry.
- 4) To find suppliers / Partners – Technology providers who would like to find a partner in Singapore to penetrate to Asia Pacific.

#### **Objective of mission:**

- 1) To understand how the manufacturing companies apply their automation system in the production floor.
- 2) To find out the latest technology being deployed in the manufacturing plant.

**Representatives:**

	<p>Name: Mun Kok Woh Designation: Managing Director Email: mun.kw@astech.com.sg Tel: +65 6556 2890</p>
	<p>Name: Chris Soh Kwee Huat Designation: General Manager Email: chris.soh@astech.com.sg Tel: +65 6556 2302</p>

## APPLIED TOTAL CONTROL TREATMENT PTE LTD / GD PRECISION PTE LTD



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[sales@atc-treatment.com](mailto:sales@atc-treatment.com)

<http://atc-treatment.com/> / <http://www.gdp.sg/>

### Company Profile:

ATC is a one stop solution provider for quality surface finishing offering metal finishing services including plating of zinc, nickel, chromium, gold, silver, chrome, various type of anodizing for aluminium, conversion coating such as passivating and phosphating. We also provide powder coating and wet painting services.

Our reputation for quality and workmanship, diversity in process offered, and ability to meet rigid specifications have led us to serve a broad base of industries including aerospace, oil & gas, semiconductors, bio medical and optical.

As one of the largest NADCAP accredited companies in Singapore that covers both metal surface finishing and coating capabilities, our employees are dedicated to the delivery of world class finishing services and products for our customers.

GD Precision Singapore is a vertical integrated set-up with valued solutions provided to our customers in the field of semi-conductor, medical, aerospace and EMS. We specialize in precision machining, jig and fixture, sheet metal (laser cut), modular assembly (repeatability), VMI, welding and 24/7 after sales technical support services.

Our aim is to solve customer problems with engineering and value-added solutions.



GDP offers new innovative and tailor-made manufacturing solutions that are aimed to optimize the overall growth and profitability of our customers.

With our highly competent and skilled workforce and the constant employment of advance and innovative technologies, we can assure and commit a smooth, timely delivery of projects with top quality to your organization.

### Objective of mission:

Exposure to new business prospects, researching for major projects, immediate sales and market research

### Representatives:

	<b>Mr Sia Chen Cheong (Marcus)</b> Managing Director <a href="mailto:marcus@atc-treatment.com">marcus@atc-treatment.com</a> +65 6362 1200
	<b>Mr Ang Cheng Hua (Raymond)</b> Business Consultant <a href="mailto:raymond@atc-treatment.com">raymond@atc-treatment.com</a> +65 6362 1200

# Auk.Industries

*Deep data. Feather-light IoT.*

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[mail@auk.industries](mailto:mail@auk.industries)

<http://auk.industries/>

## Company Profile:

Auk Industries flagship system is analogous to *“Fitbit-for-machines”*, where mission critical data such as the health and performance of the machines are streamed and further processed to provide deep operational insights for users.

The company is one of few in Singapore to develop a scalable comprehensive *“end-to-end”* software and hardware solution for Industrial Internet of Things (IIoT), which is highly versatile and universal to be installed onto a *“diverse range of machines”*.

The modular and *“plug-and-play”* design enables projects to be implemented at *“groundbreaking speed”* - few hours as compared to the industry norm of few months.

## Representatives:

	<b>Mr Lee Eu Harn</b> Co-founder / Chief Marketing Officer <a href="mailto:euarn.lee@auk.industries">euarn.lee@auk.industries</a>
	<b>Mr Joseph Lum Yue Hao</b> Co-founder/ Chief Technology Officer

## AXIS ENGINEERING PTE LTD



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<http://www.axisengg.com>

### Company Profile:

Axis Engineering was established in April 2000 in Singapore, to provide complete solution for packaged Process analyzers and instrumentation systems. We have since grown into an established independent system integrator, offering complete turnkey analyzer systems for Oil & Gas industry and process industry.

Axis Engineering has successfully completed several Analyzers system integration projects for complex service conditions for various oil and gas related industries. We have expertise in process, stack (emissions) and on-line analyzers systems, water quality monitoring systems, and LNG Sampling system packages.

### Objective of exhibiting at trade fair:

- 1) To engage and pursue new business leads from Engineering contractors, Instrument manufacturers etc in Europe.
- 2) Co- operate to provide solution for process analytical system needs.

### Objective of mission:

To familiarise with the latest manufacturing and automation technology aspects applied in Factories.

### Representatives:

	<b>Mr M Palaniappan</b> Managing Director <a href="mailto:palani@axisengg.com">palani@axisengg.com</a> +65 62682468 Ext 102
	<b>Mr Ernesto Herran</b> Business Development Manager <a href="mailto:ernesto@axisengg.com">ernesto@axisengg.com</a>

CEI LTD



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<http://www.cei.com.sg>

#### Company Profile:

The Company provides printed circuit board and box-build assembly, equipment design, cable harness assembly and manufacturing services. It is well equipped to provide value-added services such as materials management, circuit layout, prototype & development engineering, metal stamping, cable harnessing and precision machined components.

The company design and build Semiconductor Manufacturing Equipment Manufacturer - Wafer UV Eraser Systems, Wafer Sorting / Packing & Unpacking Systems, Wafer Inspection Systems, 3rd Optical Inspection Systems, AOI, AGV/Mobile Robot Material Handler, Custom Automation Systems.



ISO9001, ISO13485, ISO14001, AS9100, Nadcap, UL508A and UL817 certified

The Company serves customers in the industrial equipment market segment. These include electroluminescence displays used in industrial, transportation and medical applications; medical and health care equipment; office equipment as in digital photocopiers; analytical instruments as in gas and liquid chromatographs and measurement instruments; Aerospace products, Oil and Gas; industrial safety controllers and environmental sensors, semiconductor equipment and SMT equipment.

#### Objective of mission and exhibiting at trade fair:

- 1) Direct Equipment sales to customers in Europe.
- 2) Partners for collaboration to address market in Europe.

#### Representatives:

	<p><b>Mr Teng Siow Kiap</b></p> <p>Manager (Design-Software &amp; Hardware)</p> <p><a href="mailto:tengsk@cei.com.sg">tengsk@cei.com.sg</a></p> <p>+65 64811882</p>
	<p><b>Mr Low Teck Ming</b></p> <p>Business Development Engineer</p> <p><a href="mailto:ernesto@axisengg.com">ernesto@axisengg.com</a></p>



## CHAMPION PRECISION ENGINEERING PTE LTD



BLOCK 207, #05-56, WOODLANDS AVENUE 9, WOODLANDS SPECTRUM II, SINGAPORE 738958

[www.championprecision.com](http://www.championprecision.com)

### Company Profile:

CHAMPION was established in 1985. Today, a multi-million company with a highly trained work force of 420 committed personnel. We have formed a culture of uncompromising standards for Excellence in Services and Products Reliability.

CHAMPION has evolved to be one of the World Leading Manufacturers as a One-Stop Solution Provider for High Precision Machining and Mechanical Assemblies for services across Health & Science / Semiconductors / Automotive / Optical Mechanics / Equipment Measurements / Instruments

(Fluid/Gas/Sensor) and Oil & Gas. Our Vision will be to move up the Value Chain to provide Sub-Assemblies and full integration in the near future.

### Our Value-Added Services -

As a One-Stop Solution Provider, CHAMPION understands and integrates complete Supply Chain management / Lean Manufacturing / On-Line Kanban System with our Customers and Suppliers. These include:

#### SHIP TO STOCK PROGRAM

Because of our World-Class Quality Control, we are able to deliver direct to our Customers' warehouses, thus eliminating their need for QC checks.

#### VENDOR MANAGEMENT OF INVENTORY / 3PL (THIRD PARTY WAREHOUSING)

We perform Inventory management for our customers, enabling them to have ready parts upon demand. This removes the need for customers to maintain any warehouses, thus saving cost as a result.

#### SUPPLIER MANAGEMENT PROGRAM

One of our successes is in the Management of Suppliers. As the key supplier in a project, we help customers co-ordinate and manage their others suppliers. We perform regular audits to ensure consistent quality delivery as well as streamlining the whole logistic flow.

### Product / Services Offerings:

1. High Precision Engineering services (Milled and Turned).
2. Lapping & Polishing Services.
3. Passivation / EP Services.
4. Mechanical Sub-Assemblies.

### Objective of exhibiting at trade fair:

- 1) To achieve better businesses, Partnership & a wider footprint for the Company.
- 2) Business Collaborations and Business Partnerships

**Objective of mission:**

1. Related, or new products knowledge/Technology.
2. Products / Process improvements.

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## CLEFTON PRECISION PTE LTD



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Email : [sales@clefton.com.sg](mailto:sales@clefton.com.sg)  
URL : [www.clefton.com.sg](http://www.clefton.com.sg)

### Company Profile:

A Precision Engineering company that focus on serving the semiconductor industry in manufacturing OEM parts.

Machine capabilities of up to 2meters in length and 10 microns in tolerances.

We specializes in 6G TIG welding, Mirror polishing CNC machined surface finishing.

### Objective of mission:

To find technology transfer for more precision and tighter control on complex parts and for exotic materials such as titanium and high alloys.

Looking at developing consumable production of medical components with an aim of distribution in South East Asia markets.

### Representatives:

Personnel Photo	Mr WF CHAN General Manager <a href="mailto:wfchan@clefton.com.sg">wfchan@clefton.com.sg</a> +65 9030 2008
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## COMPOSITE CLUSTER SINGAPORE PTE LTD



6 Penjuru Close  
Singapore 608614  
info@compositecluster.com  
[www.compositecluster.com](http://www.compositecluster.com)

### Company Profile:

CCS is active in R&D, engineering, manufacturing, training and services related to high-performance composites.

### Objective of mission:

Meeting companies interested developing their market reach in South East Asia related to composite design, manufacturing or supportive technologies.

Mainly we would be keen to identify parties interested in the Composite Application Center (CAC) in Singapore.

### Representatives:



**Dr. Florian Doetzer**  
Managing Director  
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Email: [contact@c3d-ceramics.com](mailto:contact@c3d-ceramics.com)

Website: <https://www.c3d-ceramics.com>

#### **Company Profile:**

Creatz3D Ceramics was formed in 2016 as a sub-division of its main company Creatz3D to specialise in 3D printing of ceramic parts. We provide ceramic 3D printing services using the latest 3D printing technology to produce high quality ceramic components that you may need. We have a dedicated and experienced team of engineers ready to listen to your needs and help you achieve the best quality 3D printed product available.

Provide 3D Printing of Ceramics Parts for Functional Prototypes & Small Batch Manufacturing

Materials: Alumina, Zirconia and others


#### **Objective of exhibiting at trade fair:**

Established contacts and potential customers that will look to engage us for their ceramic product needs

#### **Objective of mission:**

- 1) Looking for companies currently using ceramic parts in their products as well as companies that are looking to consider taking advantage of the unique ceramic properties over the current metal parts.
- 2) Learn about business & manufacturing practices of German Small Medium Businesses

#### **Representatives:**

	<p>Name: Sean Looi Designation: Account Manager Email: <a href="mailto:sean@creatz3d.com">sean@creatz3d.com</a> Tel: +65 66318555</p>
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**Company Profile:**

Established in 1983, Eratech Pte Ltd (**EPL**) formerly known as "Eratech Industrial Engineering (EIE)" is a leader with focus area in precision metal machining, Tools and Die, Jig and Fixtures Design, and material Fabrication. We are also a manufacturer of Automation Equipment/Machine in Assemble and Automation Process.

Under leadership of *Mr. Eddie Koh*, we are gradually grown over the years from a small workshop and now have manufacturing facility covers a land area pf 14,000 sqf by operating with 60 employees.

EPL is well-equipped with a wide variety of CNC machines as fully 5 axis machines ranging from horizontal to vertical milling machines, to lathe and grinding machines.

EPL's emphasis on its core values, continuous improvement programme, and strict compliance with its AS9100 & ISO 9001:2008 as well as ISO 14001:2004, Quality Standard ensure that all its customers continue to be satisfied with its quality products and differential value-added services.


**Objective of exhibiting at trade fair:**

Communicate specific products or services to potential customers and establishment of new investors

**Objective of mission:**

- 1) Meet those same industrial company and get more business from them.
- 2) Learn new technology and products

**Representatives:**

	Mr Eddie Koh Hang Meng Designation : Managing Director Email: hmkoh@eratechprecision.com.sg Tel: +65 64824666
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## FEINMETALL SINGAPORE PTE LTD



**FEINMETALL**

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www.feinmetall.de

### Company Profile:


Established in 2007, Feinmetall Singapore is a one stop service provider for design, manufacturing and testing of wafer probe card for the semiconductor industries. Feinmetall Singapore covers the regional market like Singapore, Malaysia, Thailand, Philippines and Indonesia.

Feinmetall Singapore specializes in Cantilever probe card, Vertical Probe Card, Repair & Application support, PCB design services and probe card accessories.

### Objective of mission:

We hope to learn more about new technologies and global industry trends - ranging from additive manufacturing, industrial automation, IT computing, big data analytics, cyber-security and mobility technologies.

### Representatives:

	<p><b>Mr Lim Soon Shank Adrian</b></p> <p>Designation: Senior Manager</p> <p>Email: <a href="mailto:adrian@sg.feinmetall.com">adrian@sg.feinmetall.com</a></p> <p>Office Tel: +65 3152 9102</p>
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## GLOBALTRONIC PRECISION PTE LTD



5 Buroh Street Singapore 627567

[www.globaltronic.com.sg](http://www.globaltronic.com.sg)

### Company Profile:

Globaltronic Precision Pte. Ltd., a precision engineering machining company, was established in 2002 and certified under AS9100C(since 2008) is to support customers from the Aerospace sectors with high mix, low volume requirements.

We offer an extensive range of value-added services, including precision engineering machining, one stop solution of mechanical product, design of the fixture and tooling, contract manufacturing(sub-assembly), involve in customer NPI (new product introduction) design stage.

We have various types of CNC machines like 4-axis and 5-axis milling, water jet, CNC turning/milling, turn-mill machines that able to machine complicated and precision part at competitive pricing.

Expertise: Precision Machining, Tooling design, Contract Manufacturing, Vendor Managed Inventory, KANBAN

### Objective of exhibiting at trade fair:

Achieve sales target and getting a deal from exhibition

### Objective of mission:

Looking to meet potential customers and suppliers and to learn the new technology applicable

### Representatives:



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Name: Han Chin Chuan  
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**Company Profile:**

Since 1981, Fong Lee has continually built our expertise through meaningful local and global partnerships in the Oil & Gas industry. Our dedication to steadfast innovation, active collaborations and the highest level of quality standards helps us deliver engineering excellence.

No matter how small the project is, we are engineered to give the largest impact. Equipped with the latest state-of-the-art machining technology, we possess the capability to inspire and activate the possibilities of the future.

We Engineer For The Future.

**Objective of mission:**

Fong Lee Metal hopes to be exposed to the latest industrial automation & energy solutions in the market. This will allow us to adopt the technology back to our company to enhance our manufacturing efficiency and effectiveness. We are also looking to meet up with the different companies to understand how they operate and integrate with the current automation trend.

**Representatives:**

Personnel photo	Mr Choy Eng Soo Managing Director Email: <a href="mailto:gary_choy@flmetal.com.sg">gary_choy@flmetal.com.sg</a> Office Tel: +65-6865-3622
Personnel photo	Mr Bernie Choy Ren Jue Sales Manager Email: <a href="mailto:bernie_choy@flmetal.com.sg">bernie_choy@flmetal.com.sg</a> Office Tel: +65-6865-3613

## ISDN HOLDINGS LIMITED



Address: 10 Kaki Bukit Road 1, Singapore 416175

Main Line : +65-68440288

[www.isdnholdings.com](http://www.isdnholdings.com)

### Company Profile:

As a motion control solution provider, we not only distribute products but also design, customise and assemble motion control solution systems. This enables our customers to reduce costs and to better improve production productivity. Our success is primarily attributable to the relationship we have built with our suppliers all these years so that we able to recommend and offer to our customers a variety of products as a solution to serve a wide range of engineering needs of our customers under one roof.

Our long-term business partner and supplier, maxonmotor ag Switzerland and Harmonics Drives System Japan are the leading preferred motor & drives for small to medium pay load robots. Especially for the collaborative and medical robots, the dynamic performance of these compact & lightweight motor and gear reducer clearly provided an advantage over their competitors.

In the field of robotics application, we provide both industrial and collaborative solution. We partner with some of the leading robotics brands in the world like KuKa, Fanuc, Yaskawa Motoman, Universal Robots.

ISDN Holdings Limited, with more than 65 networks of offices in South East Asia and China, will serve you better.

### Objective of mission and exhibiting at trade fair:

Meet Potential Customers/ Secure Distributorship

### Representatives:

Personnel photo	Mr. Jason Lim Manager Email: <a href="mailto:jason.lim@servo.com.sg">jason.lim@servo.com.sg</a>
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## JCS-ECHIGO PTE LTD



3 Woodlands Sector 1 Singapore 738361

Tel: +65 6368 4198

[www.jcs-echigo.com.sg](http://www.jcs-echigo.com.sg)

### **Company Profile:**

JCS-Echigo has established our niche in Design, Manufacture and Servicing of Precision Cleaning machines and specialist in cleaning & contamination control with over 20 years of experience. Our cleaning application developed serves wide range of industries, including Hard Disk Drive, Electronics, Semiconductor, Transportation and F&B.

Our in-house design and production team has the adequate knowledge and capability to design and custom build the precision cleaning machine and system, and OEM Products. Our Mechanical Design team adopts 2D Autocad, 3D Solidworks and Simulations software program to quickly transform new ideas into great products.

Our manufacturing facilities are located in Singapore and we have a service centre in Thailand. The manufacturing plant is certified under bizSAFE STAR, ISO 9001:2015 and OHSA 18001:2007 (UKAS).

With the knowledge in cleaning solution, the Group has also set up a centralised dishwashing plant to provide ware-washing services to 30 - 40 over outlets comprising food courts, restaurants and cookhouses. The dishwashing plant is one of the few in Singapore which is certified with bizSAFE, ISO 22000:2005 and HALAL certificates and with automation function and process in place. The Group also sales/lease the dishwashing machines it customised and manufactured to food courts and restaurants. The Group's strategy is to relentlessly enhance the effectiveness of cleaning solution while providing fast, effective and support to its customers worldwide.



### **Objective of exhibiting at trade fair:**

We hope to clinch business deals with customers from Europe market, learn new technology and expand business opportunities

### **Objective of Mission:**

1. Learning of new technology
2. Expand of business opportunities

**Representatives:**

	<p><b>Ms. Elise Hong</b> Executive Director <a href="mailto:Elise.hong@jcs-echigo.com.sg">Elise.hong@jcs-echigo.com.sg</a> (65) 6368 4198</p>
	<p><b>Mr Zhao Liang</b> Head of Mechanical Design <a href="mailto:zhaoliang@jcs-echigo.com.sg">zhaoliang@jcs-echigo.com.sg</a></p>

## LINGJACK ENGINEERING WORKS



### Lingjack Engineering Works Pte Ltd

No. 1 Woodlands Terrace, Lingjack Industrial Building, Singapore 738471  
Tel: (65) 6759 4163 Fax: (65) 6758 7513(sales) / (65) 6756 1250(accounts/purchase)  
http://www.lingjack.com email: combat@lingjack.com  
GST Reg No.: M2-0100375-0 Co Reg No.: 199103053M

### Company Profile:

LINGJACK, which was founded in 1971 and currently is the leading manufacturer of fire safety products in Singapore and Asia. We are capable of providing full turnkey solutions for all fire-fighting products and system including active & passive fire-fighting.

Our clients span across a diverse range of industries, including commercial, industrial, residential, offshore and marine, F&B, healthcare and retail. Our international network includes clients from Asia, USA, Europe and the Middle East.

We maintain a spirit of innovation by using the latest technology to develop high quality and high performance fire safety products. From design and development to testing and implementation, our dedicated and experienced engineering team ensures attention to detail at every step to achieve the highest standards of quality and service.


We continue to streamline our processes and improve our systems to introduce safer, better and more cost-effective fire safety solutions to meet the increasingly complex fire safety needs and most importantly, to fulfil our mission of protecting people, assets and businesses.

CSR is a major part of our culture and we believe in giving back to the society, we made sure every months we have opportunities to involves in social activities and grow hand in hand with the society.

### Objective of Mission:

- To learn more about key technologies and Global Industry Trends – ranging from research & development, Industrial Automation, production Technologies & mobility technologies.
- To meet German Companies to learn about their factory management processes and also to facilitate business collaboration.
- Visit research Institution to learn about their focus areas and the advancement made in Automation solutions.

### Representative:

	<p><b>Mr LIM KOK MENG (Lawrence)</b></p> <p>Plant Director</p> <p>Email : <a href="mailto:Lawrencelim@Lingjack.com">Lawrencelim@Lingjack.com</a></p> <p>Office Tel : +65 6759 4163</p>
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**Mr Fung Hoe Ann (Lucas)**

Senior Engineering Manager

Email : [Lucas@Lingjack.com](mailto:Lucas@Lingjack.com)

Office Tel : +65 6759 4163



Block 28, #02-02, Ayer Rajah Crescent, Ayer Rajah Industrial Estate,  
Singapore 139959

TEL : (65)-6872 6890 FAX : (65)-6872 5093

[systemsales@nanofilm.com.sg](mailto:systemsales@nanofilm.com.sg)/[coatingsales@nanofilm.com.sg](mailto:coatingsales@nanofilm.com.sg)

<http://www.nanofilm.com.cn/en-us>

### Company Profile:

Nanofilm Group provides coating services and sells coating systems for a number of different industries. As a pioneer and world leader in Filtered Cathodic Vacuum Arc (FCVA) Technology and its industrial applications, our internationally patented technology allows us to be a market leader in PVD and DLC Coating Technology. We are an expert in vacuum coating process, coating system design, integration as well as mass production. Through continuous applied research, consistent innovation and development, we continue to meet the growing market and industry demands.

Since the establishment of Nanofilm, our company has gained over 50 patents on FCVA and its applications. FCVA is Nanofilm's unique and patented core technology. Its many advantages such as high hardness, excellent adhesion and low coating temperature, improves quality and set new standards in each of our participating industries and applications.

Nanofilm's Headquarters is located in Singapore (NTI) with four subsidiaries in Shanghai, People's Republic of China and one in Tokyo, Japan. As an advanced Vacuum Coating Technology Company, Nanofilm is currently involved in a wide range of industries from data storage applications to cutting tools, molds, mobile accessories, automotive components and many more. Whether it is in performance or cosmetics, the quality of the products and production costs has been significantly improved and reduced respectively, through our technology.

### Objective of mission:

To learn more about relevant key technologies and latest global industry trends – ranging from research and development to industrial automation, Industrie 4.0 technologies, etc. – so as to be able to adopt/apply them to our Singapore operations. We also wish to expand our global networks to explore more new business and collaboration opportunities.

### Representatives:

	<b>Dr. Shi Xu</b> Founder and Chairman Email: <a href="mailto:shixu@nanofilm.com.sg">shixu@nanofilm.com.sg</a> Office Tel: +65 6870 0101
	<b>Mr. Lee Liang Huang</b> Chief Executive Officer Email: <a href="mailto:leelh@nanofilm.com.sg">leelh@nanofilm.com.sg</a> Office Tel: +65 6870 0128

## ONN WAH PRECISION MACHINING PTE LTD



11 Changi South Lane. #02-01 Onn Wah Building

[www.onnwah.com](http://www.onnwah.com)

### Company Profile:

Onn Wah specialises in precision machining of complex components in a high-mix, low-volume environment. We serve the aerospace, oil and gas, semiconductor, optics and biomedical sectors. We are certified AS9100 in both our Singapore and China plants. Our growth stems from a combination of Onn Wah engineering capabilities and continuous improvement towards world-class manufacturing practices.

Able to provide contract manufacturing of Precision Mechanical Component



### Objective of exhibiting at trade fair:

- 1) To source for potential customers in precision machining services
- 2) To learn about adoption of new technologies applicable to machining service providers.

### Objective of mission:

Looking to source for potential customers in precision machining services and to learn about adoption of new technologies applicable to machining service providers.

### Representatives:

	Name: Lam Keng Yew Designation: Managing Director  Email: <a href="mailto:kengyew@onnwah.com.sg">kengyew@onnwah.com.sg</a>  Tel: 97346442
	Name : Wilson Lee Wai Leong Designation : Sales/Program Manager  Email: <a href="mailto:wilson@onnwah.com.sg">wilson@onnwah.com.sg</a>  Tel: 97479336





240 Macpherson Road, #07-05 Pines Industrial Building, Singapore 348574

64689877 / 63539622

[www.osielectronics.com](http://www.osielectronics.com)

#### Company Profile:

OSI Electronics provide a manufacturing service by making electronic products in low and medium volumes with regional headquarter in Singapore and manufacturing facilities in Batam Indonesia and Johor Malaysia. We serve a variety of market sectors, including industrial, medical, test instruments, aerospace, telecom, security and automotive etc.

Our focus is on customer satisfaction by producing reliable products, being flexible about customer changing needs and making deliveries on time. By providing our customers with the capabilities and purchasing power of a global Electronics Manufacturing Services provider, we can deliver great regional support while maintaining a high degree of personalised service.

#### Objective of exhibiting at trade fair:

- 1) OSI Electronics provides competitive Electronics Manufacturing solution from Asia to international OEM customers.
- 2) We support growth of our OEM customers as their extended manufacturing arm in low cost Asia.

#### Objective of mission:

OSI Electronics would like to meet OEM customers who have electronics (PCBA, box assembly or cable harness) manufacturing requirements and to provide manufacturing solutions to them.

#### Representatives:

	<p>Name: Tee Soon Ann Designation: Business Development Director Email: <a href="mailto:TAnn@OSIElectronics.com">TAnn@OSIElectronics.com</a> Tel: 64689877</p>
	<p>Name: Stan Lee Designation: Business Development Director Email: <a href="mailto:chlee@osielectronics.com">chlee@osielectronics.com</a> Tel: 63539622</p>

## PIXEL AUTOMATION PTE LTD



10 Admiralty Street #04-13, North Link Building, Singapore 757695

Tel : (65)-6852 8980 Fax : (65)-6753 4859

[sales@pixel-automation.com.sg](mailto:sales@pixel-automation.com.sg)

<http://pixel-automation.com.sg/>

### Company Profile:

Pixel Automation is a Singapore Company with core business activities of building turnkey industrial automation systems for customers in Singapore and Worldwide.

Since its inception in 2011, company has steadily grown in its market share and become a predominant automation equipment supplier in Singapore and the region. Company has a wide customer base including many MNC companies. Pixel has supplied equipment to Singapore, Malaysia, China, and Ireland in the past. The company is currently have turnkey projects in various manufacturing applications from United States of America, Russia and India.

Pixel Automation and its sister company International Business Networks has combined average annual sales turnover of S\$12million. Company has a very strong engineering and project management team capable of designing and building many special purpose automation solutions for the modern manufacturing plants.

With the partnership with MGS Machine (USA) & Sciometric Instruments (Canada), Pixel is able to provide highly specialized solutions to the customers by integrating the state of the art technologies from their principal and at the same time providing integration and service support from Singapore to the customers in the region at an affordable cost.

In 2017, Pixel Automation launched their range of highly flexible and scalable smart manufacturing cells equipped with SmartMove© transportation system which is an IoT-enabled material transfer system. This patented system give rise to a whole range of benefits from modular and reusable, fast integration capable, multi-product & lot size one capable, scalable and promotes green manufacturing. The cells revolutionary, scalable design make it suitable for “farm” based manufacturing plant with no restrictions on sequential placement of the machines on the one hand and make it particularly suitable for low volume-high mix, as well as high volume-low mix product manufacturing requirements on the other hand. Our modules are designed based on distributed intelligence concept with full IOT capability to provide product traceability. This module level intelligence makes it an ideal candidate for Industry 4.0 manufacturing approach.

The SmartMove© transport system enables smart product handling for next generation manufacturing automation. It can easily link up any manual and automated process modules while providing easy setup and maintaining accessibility. Single lot size processing is possible without any modifications to existing machines. Smart features includes:

- Modular and scalable transport mechanism
- IOT pallet with indoor positioning
- Decentralized and distributed intelligent control

- Built-in data traceability
- Multi product and single lot size capability
- Lean design as stoppers and sensors not required

Pixel Automation has made it into the Top 15 finalist of Singapore Emerging Enterprise Award 2017 and bagged the Best Innovation Award. Pixel Automation is constantly seeking creative solutions, innovating to carve out new markets and embracing technology to transform its business.



#### **Objective of exhibiting at trade fair:**

We hope to gather interest on PixCells and SmartMove system. Also to get potential business leads for the PixCells and SmartMove system as well as our customised automation system.

#### **Objective of mission:**

As we are actively involved in developing smart manufacturing systems intended for next generation manufacturing requirements in line with industry 4.0 objectives, we would take the opportunity on the industry visits to understand Industry 4.0 trends and applications in Europe and to explore further on the various Industry 4.0 enabling technology areas available in Europe.

#### **Representatives:**

	<p><b>Mr Premarajan Ponnambath</b></p> <p>Director</p> <p>Email: <a href="mailto:prem@pixel-automation.com.sg">prem@pixel-automation.com.sg</a></p>
	<p><b>Ms Eena Tan</b></p> <p>Business Development</p> <p>Email: <a href="mailto:eenat@pixel-automation.com.sg">eenat@pixel-automation.com.sg</a></p>

## REXADVANCE TECHNOLOGY PTE LTD



Address: 3031a Ubi Road 3 #01-116 Singapore 408659

Tel: +65 6748 0115 / Fax: +65 67461006

[act\\_sg@singnet.com.sg](mailto:act_sg@singnet.com.sg)

### Company profile:

Rexadvance Technology specializes in high-precision fabrication, customised design and manufacturing of automation equipment and machine parts. Whatever you need, we can customize it for you!

We're in the precision engineering industry where we meticulously provide solutions for customers who have specific requirements in their products and machineries. One of our core services is using CNC equipment to achieve precise specifications in our products.

### Objective of mission:

To source new overseas markets and investors.

### Representatives:

	<b>Ms Jessie Chen Zijuan</b> DIRECTOR <a href="mailto:act_sg@singnet.com.sg">act_sg@singnet.com.sg</a> +65 6748 0115
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## SANWA GROUP



**Company address:** No. 28 Woodlands Loop Singapore 738308

**Website:** [www.sanwagroup.com.sg](http://www.sanwagroup.com.sg)

### Company Profile:

Sanwa Plastic Industry was established in 1977 to provide manufacturing solution for plastic parts, tool design and fabrication over a spectrum of industries that include the Automotive Industry, Inter-Connect Industry, Industrial & Home Automation, Energy-Electrical Safety Devices, Motion and Drive Industry and the Bio-Medical Technology Industry. Through the years, Sanwa has built a team of experienced and skilled professionals that focus to provide our customers with innovative solutions and effective results. Sanwa works strategically with partners to expand its services in the manufacturing industry. By leveraging the strengths of companies with different specialization, Sanwa is able to penetrate into a wider market with better confidence and result. Sanwa is always embarking on new technologies and innovation to improve the productivity and efficiency through automation, digitalization and is working towards the Industrial 4.0 smart factory concept.

### Product / Services Offerings

Manufacturing of sensors, door closure system, wiper motor cover, motor & fuel management system for the Automotive industry. A 100K clean room for the medical products. Mechanical /electrical module assembly for the Industrial & office automation. Gear, rack & pinion for the Motion and Drive industry. Connector, relay and switches for the Energy-Electrical Safety Devices. A fully integrated Toolroom for designing and fabrication of the precision molds.

### Objective of exhibiting at trade fair:

To have the opportunity to diversify our services into various industries, ensuring our involvement in the growing demand for the plastic industry.

Meet companies doing micro molding, enclosure products, medical products. Any new molding technology and innovation to improve the process and productivity.

### Objective of mission:

For the exposure to new technologies, method & skill and to seek new market opportunity.

**Representatives:**

	<b>Name: Dr Ricky Souw</b> Designation: Chief Executive Officer Email: rickysouw@sanwa-intec.com Tel: +65 6751 4510
	<b>Name: Mr Alvin Tan</b> Designation: Operations Manager Email: alvintan@sanwagroup.com.sg Tel: +65 9683 2726
	<b>Name: Mr Soichiro Oba</b> Designation: Director Email: so-oba@sayama-kanagata.co.jp Tel: 81-4-2934-7683
	<b>Name: Mr Wu Yong Lin</b> Designation: Director Email: yl.wu@forefront-am.com.sg Tel: +65 6909 0438
	<b>Name: Mr Anthony Yeow</b> Designation: Operations Manager Email: anthony.yeow@sanwa-intec.com Tel: +65 6751 4672

## SHINE PRECISION ENGINEERING PTE LTD



**Company address:** 40 LOK YANG WAY SINGAPORE 628643

**Website:** [WWW.SHINEPRECISION.COM](http://WWW.SHINEPRECISION.COM)

**Contact number:** +65 6268 6188

### Company profile:

Headquartered in Singapore, Shine Precision Engineering has been serving various industries including Electronics, Semi-conductors, Oil & Gas, Aerospace and more for the past 28 years. We specialise in precision machining up to 5-axis simultaneous machining. The state-of-the-art CNC machines enables us to produce finished parts more efficiently and provide our customers with an all-in-one solution.

Shine Precision never rests on its laurels and is finding new ways to re-invent its business model to deliver sustainable value to all our partners and pioneered the expertise of acquiring a comprehensive range of machining capabilities for prompt, efficient delivery.

Along with recognition from our clients, Shine Precision is also thrilled that our efforts have earned us the Management System Certificate, ISO 9001:2008 AND AS9100C (TECHNICALLY EQUIVALENT TO EN 100:2009 AND JISQ 9100:2009).

With a wide selection of equipment, products and machining capabilities, Shine Precision optimises capacity and harnesses advanced technology to keep pace with our customers' changing needs and expectations.

Offers full turn-key precision machining solution /services


### Objective of exhibiting at trade fair:

We hope to expand our business network towards international market.

### Objective of mission:

Looking to meet components and accessories manufacturers from Automotive, Medical, Semiconductors and other related industries. We hope to expand our business network towards international market and to further understand the native market demand and requirements

### Representatives:

	<p>Name: MR AARON TEO Designation: MANAGING DIRECTOR Email: AARON@SHINEPRECISION.COM</p>
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## SKYLAB NETWORKS PTE LTD



Address: 6 Temasek Boulevard #25-04, Suntec Tower 4 Singapore 038986

Tel +65 6850 5168

Email: [info@skylabteam.com](mailto:info@skylabteam.com)

Website: [www.skylabteam.com](http://www.skylabteam.com)

### Company Profile:

The Industrial IoT is a key strategic initiative for enterprises and governments to digitally transform their businesses and operations. SkyLab has the technology and expertise to enable IoT data collections from various sensors and control systems, accelerating data transmission in real-time. Thus empowering businesses with new insights to optimize their assets and take proactive actions. We provide a network agnostic solution which includes multi-protocol data harvesting middleware, real-time integrated dashboard, advanced data transport acceleration, Industrial IoT security solutions and inventory management system. Our solution aims to address mission-critical topics such as "SECURITY, LATENCY AND SCALABILITY" for the Utilities, Mobility, Manufacturing and Government segments' complex Industrial IoT operations.

### Objective of exhibiting at trade fair:

To generate interest for company which helps to establish its credibility and market technology positioning.

### Objective of mission:

The exposure to the industry visits will allow us to collect latest market trends and interact with experts around the world. In return, allowing us to speed up our R&D effort as well as in building our potential sales channel overseas.

### Representatives:

	<b>Mr Gary Kwang</b> Chief Executive Officer <a href="mailto:gary.kwang@skylabteam.com">gary.kwang@skylabteam.com</a>
	<b>Mr Sean Kim</b> Chief Technology Officer <a href="mailto:Sean.kim@skylabteam.com">Sean.kim@skylabteam.com</a>



	<b>Ms Pearlyn Ng</b> HR Manager <a href="mailto:Pearlyn.ng@skylabteam.com">Pearlyn.ng@skylabteam.com</a>
	<b>Mr Kelvin Kwan</b> Senior Manager, Advanced Network Solutions <a href="mailto:Kelvin.kwan@skylabteam.com">Kelvin.kwan@skylabteam.com</a>

## SINGAPORE TECHNOLOGIES KINETICS LTD



Address: 249 Jalan Boon Lay, Singapore 619523

TEL: +65 6265 1066 FAX: +65 6261 6932

comms.kinetics@stengg.com

<http://www.stengg.com/en/land-systems/> Aethon TUG (<http://www.aethon.com/tug/tughealthcare/>)

### Company Profile:

Singapore Technologies Kinetics Ltd (ST Kinetics) is the land systems and specialty vehicles arm of ST Engineering. With 50 years of engineering expertise and driven by a passion for innovation, we work with partners and customers to deliver customized land system and security solutions that meet the stringent operational requirements of defence, homeland security and commercial customers. We are one of Asia's leading land systems and specialty vehicles companies, with revenue of over \$1.3 billion and a strong portfolio of products and services for the defence, homeland security and commercial markets. Our capabilities cover the full spectrum value chain of design and development, systems integration, production, after-sales support and through-life management.

ST Kinetics is completely committed to delivering innovative solutions that exceed our customers' expectations and maximise economic value for stakeholders. We do so by enlarging our strategic capabilities through the smart use of our technologies; embracing partnerships to multiply our effectiveness; expanding our global network for greater market access; and enhancing our business excellence to deliver more value to our customers.

ST Kinetics' 6,500-strong workforce works hand in hand with its technology, marketing and supplier partners in Asia, Middle East, Europe and the Americas to bring our solutions to end users in more than 40 countries around the world. These solutions help maintain the peace and security of nations, increase the productivity of mining, construction and distribution companies, and maximise the availability of their equipment.

ST Kinetics is committed to maintaining exemplary standards in quality, the environment, health and safety.

ST Kinetics is made up of two business groups, namely the Defence Business Group and the Commercial Business Group.

### Objective of exhibiting at trade fair:

- 1) Understand and use cases of different industries for the TUG to play a role
- 2) In-depth discussion (as follow-up) for potential sales

### Objective of mission:

- 1) Increase awareness and presence of TUG in Europe and other countries
- 2) Increase order books for TUG internationally

**Representatives:**

	<p><b>Mr Jason Tay</b> Deputy General Manager, Aethon Global <a href="mailto:tay.kimhock.jason@stengg.com">tay.kimhock.jason@stengg.com</a></p>
	<p><b>Mr Bryan Ang</b> Sales, Industrial</p>

## SUNYI PRECISION ENGINEERING PTE LTD



**SUNYI PRECISION ENGINEERING PTE LTD**

994 BENDEMEER ROAD, B-CENTRAL #07-07, SINGAPORE 339943

TEL: (65) 62831865 FAX: (65) 63820442 E-MAIL: [SUNYIPE@SINGNET.COM.SG](mailto:SUNYIPE@SINGNET.COM.SG)

GST REG. NO: 199506887N



CERTIFICATE NUMBER: QA160111



### Our Company Profile:

Sunyi Precision Engineering Pte Ltd (SYP) was incorporated in 1995. Our current staff strength is 19. The company's main business is in custom machining, fasteners modification as well as turnkey projects which are realized through our technical expertise and multi-disciplined manufacturing processes, which include multi-spindle automatic lathes, multi-axis CNC machining centers, grinding, secondary operations, assemblies, induction hardening and coatings. Our key customer segments are engineering companies based in the oil & gas, medical, defence and aerospace industries. Our machining operations are anchored in Singapore. For more information, please refer to the attached brochure or visit our website at [www.sunyi.com.sg](http://www.sunyi.com.sg).

### Objective of mission:

- To gain a deeper understanding regarding smart factory solutions and digital manufacturing as a basis for a practical approach towards their implementation in SYP.
- To learn more about innovative German solutions for plant management, logistics and process efficiency.
- To explore collaboration opportunities in R&D and plant automation projects.

### Representatives:

	<p><b>Ms Sherie Low</b></p> <p>General Manager</p> <p>Email: <a href="mailto:sherie@sunyi.com.sg">sherie@sunyi.com.sg</a></p> <p>Office Tel: +65 96484283</p>
	<p><b>Ms Angela Koh</b></p> <p>Operations Director</p> <p>Email: <a href="mailto:sunyipe@singnet.com.sg">sunyipe@singnet.com.sg</a></p> <p>Office Tel: +65 98308479</p>



Reg. No. 200410181W

UNION STEEL HOLDINGS LIMITED

友联钢铁控股有限公司

33 Pioneer Road North Singapore 628474

Tel: (65) 6861 9833 Fax: (65) 6862 9833

GST Reg. No. 20-0410181W

Address: 33 Pioneer Road North Singapore 628474

TEL: 6861 9833 / FAX: 6261 9833

[kianteck.ho@unionsteel.com.sg](mailto:kianteck.ho@unionsteel.com.sg)

[www.unionsteel.com.sg](http://www.unionsteel.com.sg)

#### Company Profile:

**Union Steel Holdings Limited** and its subsidiaries (the “Group”), started operations as YLS Steel Pte Ltd which was involved in the trading of ferrous scrap metal, subsequently listed on Singapore Stock Exchange on 15 August 2005.

Today, the Group is engaged in related businesses which comprise;



- (i) recycling of ferrous and non-ferrous scrap metal;
- (ii) trading of steel products and non-ferrous metal products;
- (iii) rental of sheet piles, steel plates, test piles and beams;
- (iv) leasing of industrial properties;
- (v) provision of scaffolding services and related consultancy services for civil construction and marine;
- (vi) manufacture of motor vehicle bodies (coachwork), trailers and semi-trailers
- (vii) manufacture of marine equipment, provide products and engineering services to the marine sector; particularly for all the deck equipment for vessel, provide offshore job support in renting of winches, crane and hydraulic power pack for the relevant equipment;
- (viii) land transport engineering solutions, providing a comprehensive range of equipment and components for load handling, including truck-mounted cranes, tailgate, rubbish compactor, and the sole distributor for EFFER, ZEPRO and GEESINKNORBA in Singapore

#### Objective of mission:

We are looking for opportunity to expand our product ranges, either distributor or improve our equipment made to have variety of choice for motor and pump for customer to choose, especially maker from German.

Currently we are one of the biggest integrator in Singapore for Winches and HPU. Our products sell directly to the Middle East and European market, our customer prefer to see our component supplier from European, which is a well establish company to allow them to source the space part in their country.

**Representatives:**

	<p><b>Mr Ho Kian Teck</b></p> <p>Chief Operating Officer</p> <p>Email: <a href="mailto:kianteck.ho@unionsteel.com.sg">kianteck.ho@unionsteel.com.sg</a></p> <p>Office Tel: +65 6861 9833</p>
	<p><b>Mr Ang Jun Long</b></p> <p>General Manager (Marine and Offshore)</p> <p>Email: <a href="mailto:junlong.ang@winchsystem.com.sg">junlong.ang@winchsystem.com.sg</a></p> <p>Office Tel: +65 6774 3127</p>

## UNIQUE PRECISION ENGINEERING PTE LTD



15 Yishun Industrial Street 1 #09-04 Win 5 Singapore 768091

TEL: 6749 9386 / FAX: 6749 9387

[sales@upe-sg.com](mailto:sales@upe-sg.com)

[www.upe-sg.com](http://www.upe-sg.com)

### Company Profile:

Unique Precision Engineering Pte Ltd (UPE) is located in Singapore, we provide precision engineering mechanical solution for Carrier Tape Mold Industrial, Semicon Industrial, Medical Industrial, Automation parts and myriads of associated enhancements in the general manufacturing process.

We believe in improving the quality by improve its professional and efficient engineering production process. Contributing to the customer requirement through active participation in generating ideas to enhance the product is our idea. UPE greatly surpasses its competition in cost, productivity and performance.

### Research and Development



UPE Team (engineer, technician include management) involved in product research and development (R&D), participate in co-designing with customer and manufacturing process (Jig & Fixture and Machine).

For every project, our team will discusses the product development process includes the type of machine involve, most efficient process to develop the product to achieve customer requirement. We ensure in quality & punctuality of delivery date, this ensures in saving time, cost and reducing rejection ratio.

### Objective of mission:

To provide high quality precision parts and innovative solutions for our customers, enabling them to achieve excellent in their manufacturing process.

### Representatives:

	<b>Mr Chan Cheng Long Tommy</b> Managing Director Email: <a href="mailto:tommy_chan@upe-sg.com">tommy_chan@upe-sg.com</a> Office Tel: +65 674993861
	<b>Mr Chong Ching Hoe Tim</b> Director Email: <a href="mailto:tim_chong@upe-sg.com">tim_chong@upe-sg.com</a> Office Tel: +65 67499386

## WANGI INDUSTRIAL COMPANY (PTE). LTD.



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[www.wangi-industrial.com](http://www.wangi-industrial.com)

### Company Profile:

Wangi Industrial is a pioneer leader in nanotechnology manufacturing. Its core competence includes optical coating, nano-imprinting, nano-injection moulding, technical glass and precision optics manufacturing.

The industries Wangi serve includes: Consumer electronics and medical technology

### Objective of mission:

Source for potential customers and increase market and technology awareness

### Representatives:

	<p><b>Mr Chew Ker Yee</b></p> <p>Managing VP</p> <p>Email: <a href="mailto:kychew@wangi-industrial.com">kychew@wangi-industrial.com</a></p> <p>Mobile : +65 97 686 384</p>
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## **Energy Track Delegates**

## BATTERY ASIA (S) PTE LTD



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URL : [www.batteryasia.com.sg](http://www.batteryasia.com.sg)  
<https://www.facebook.com/batteryasiasingapore/>

### Company Profile:

Established back in Jan 2008, BAS has since grown its business to the regional market, achieving annual sales turnovers of more than S\$19 Million in 2017.


Since its incubation, BAS has obtained distributorship for key recognized brands (TAB, Hitachi, BHS and Bolzoni) in the industry – It is BAS's vision to always keep ahead of latest technologies in order to better serve its customers.

### Objective of mission:

We hope to acquire in-depth knowledge of new developments in the energy sector as well as to network with the delegation.

We intend to source for the latest technologies, e.g. lithium ion solutions, solar applications etc. to distribute regionally across Asia.

### Representatives:

	<b>Mr Richard Thay</b> Director Email: <a href="mailto:richardthay@batteryasia.com.sg">richardthay@batteryasia.com.sg</a> Office Tel: +65 6316 3661
	<b>Mr Roy Toh</b> Regional Sales Director Email: <a href="mailto:roytoh@batteryasia.com.sg">roytoh@batteryasia.com.sg</a> Office Tel: +65 63163661

## DURALITE POWER PTE LTD

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URL : -



### Company Profile:

Duralite Power's core business is in the development and application of hydrogen fuel cells. Its core products revolve around its high-powered and lightweight fuel cells. Several projects that Duralite Power have worked, and are currently working on are:

- Soldier portable power with on-demand hydrogen generation
- Low power uninterruptable power supply system for elevators
- Fuel cell powered personal mobility devices
- Fuel cell powered multi-rotor UAVs for extended flight time
- Customized fuel cell design

### Objective of mission:

- To better understand the European fuel cell market and applications
- To look for companies/research institutes that would like to adopt fuel cell technology to act as potential collaborators across all types of applications
- Sourcing for technical testing services (e.g. fuel cell lifetime testing, environmental chamber testing)
- Sourcing for high-end fuel cell components (membrane electrode assembly, gas diffusion layer, and non-gold alternative metallic coating to reduce contact resistance and provide corrosion resistance)

### Representatives:

	<b>Mr LING Chun Yu</b> General Manager Email: <a href="mailto:chunyu@duralitepower.com">chunyu@duralitepower.com</a> Office Tel: +65 9851 9630
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### Company Profile:

EverComm is a Singapore-based AI-driven energy analytic startup founded by NTU graduates. We are pushing the boundaries of innovation by defining and applying the “Bits to Dollars” concept— A digital approach to identify, achieve and scale energy efficiency best practices across various industries.

In less than 3 years, EverComm has successfully commercialized cutting-edge big data research supported by Energy Market Authority (EMA) and National Research Foundation (NRF). We are also recognized as one of the pertinent examples of what the Committee on the Future Economy (CFE) is trying to achieve for Singapore’s future.



The core of our product is focused on using IoT and machine learning technologies to simplify energy complexity, and provide management a simple tool to manage their energy efficiency. Achieving energy efficiency through improving the efficiency of the equipments (HVAC, Manufacturing Tools, Server), processes and operation. Co-developed a new scalable energy framework with Energy Research Institute at NTU that can be applied to any industry such as commercial buildings, industrial manufacturing, data centre, and smart cities. Based on this framework, EverComm integrated IoT with machine learnings to develop Energy AI Assistant— A new technology created to identify hidden energy wastage in seconds and optimize thousands of equipment’s energy usage in real-time across different environment and scales.

### Objective of mission:

- 1) To be updated and learn about the state of art technologies and development trends in energy
- 2) Enhance advance process engineering/optimisation and renewable related technology for adoption by Singapore companies
- 3) Foster partnerships between German equipment makers and analytics companies and Singapore software and system integration companies to target the Asian market for end-to-end solutions

As EverComm's core market is the manufacturing industry in Asia, and continues to looking at opportunity to enter Germany's manufacturing industry. We are exploring for collaboration opportunities with local Automotive and Manufacturing partners who are interested in expanding in Germany and Asia’s market.

### Representatives:

	<p><b>Mr Ted Chen</b> CEO &amp; Co-Founder Email: <a href="mailto:Ted@evercomm.com">Ted@evercomm.com</a> Office Tel: +65 6871 8807</p>
	<p><b>Mr Rubio You</b> Energy Engineer Email: <a href="mailto:ryou@evercomm.com">ryou@evercomm.com</a> Office Tel: +65 6871 8807</p>

## GASHUBIN ENGINEERING PTE LTD

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### Company Profile:

Gashub aims to become an integrated LNG green solution provider and embedded power generation (cogeneration and trigeneration) in Singapore and Asia Pacific. GasHub has been specialising in the design and installation work of gas pipe engineering work. As a transformation of our business into the new era, we are entering the LNG space to provide both cleaner gas and cleaner energy.

Our solution will not be limited by access of natural gas pipeline as we will be providing a natural gas supply chain, “virtual pipeline”, solution using LNG.

### Objective of mission:

We want to explore and look for Clean Energy technology partners that can enhance our position as a clean energy solution provider in Singapore and the Asia Pacific market.

This includes companies with natural gas solutions that are complementary to our LNG business, as well as technology partners in the fuel cell space.

### Representatives:

	<b>Mr Aviers Lim</b> Designation : CEO Email: <a href="mailto:aviers.lim@gashub.com.sg">aviers.lim@gashub.com.sg</a> Office Tel: +65 6483 2777
	<b>Mr Bentinck Ng</b> Designation : Director of Technology Email: <a href="mailto:bentinck.ng@gashub.com.sg">bentinck.ng@gashub.com.sg</a> Office Tel: +65 6483 2777

## GENPLUS PTE LTD

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Email : [Info@genplus.sg](mailto:Info@genplus.sg)  
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### Company Profile:

Genplus is a Singapore based company focusing on Energy Storage System for Renewable Energy and grid system. Genplus' strength lies on our ability to innovate, design and deliver customized system to our customers in the shortest possible time.



Genplus product includes Li-Ion Battery Storage System, Lead Carbon Battery Storage System, Battery Management System

### Objective of mission:

To update, explore new technologies and development trends in the energy sectors and energy storage systems.

To seek partnership and collaboration with companies in the area of battery and power system technologies particularly in areas for renewable energy and smart grid application.

### Representatives:

	<b>Mr Lim Ming Chiat</b> Managing Director Email: <a href="mailto:limmc@genplus.sg">limmc@genplus.sg</a> Office Tel: +65 64256436
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#### Company Profile:

Founded on the core principles of customer-centricity and empowerment, Red Dot Power, a disruptor in the Singapore energy market was born. We are a new-age energy solutions provider that believes in empowering our customers to take charge of their energy usage. This fundamental belief is what drives our vision: **Empowering People, Powering up Communities.**

Through our new age energy management process, we seek to change the way energy is consumed by going one step further – encouraging you to use less. All retailers want customers to consume more, but we believe in going against the grain. We put your needs at the heart of everything we do, hence shaping the future of energy through customer-centric energy solutions.

We know that 'off-the-shelf' energy consumption plans are not always the way to go. Instead, we start by getting to know you and your usage behaviour to optimise the best fit plan for you. Your needs will shape how we draw on our expertise in energy retail, supply and demand management services – to help you extract more value from every energy dollar.

In all that we do, we embrace the core values of Integrity, Honesty and Innovation, for they are a daily reminder that placing customers first is something that is non-negotiable.

#### Red Dot Power



New Age Energy: Where Less Is More

#### Objective of mission:

To explore new energy technologies that will deliver more energy value to our customers while lowering their carbon footprint. Search for potential technology and/or strategic partners whose Asian growth strategy is aligned with ours.

Areas of interest include: Vehicle-to-Grid solutions, Smart grid controls and operations, DC grids, Smart multi energy systems at commercial building/district level (e.g. electricity, heat, cooling, gas), Grid and microgrid scale energy storage systems, and Micro wind turbines.

#### Representatives:

	<b>Mr Vijay Sirse</b> CEO Email: <a href="mailto:vijay.sirse@reddotpower.com.sg">vijay.sirse@reddotpower.com.sg</a> Office Tel: +65 6659 5843
	<b>Ms Monica Huang</b> GM – Special Projects Email: <a href="mailto:monica.huang@reddotpower.com.sg">monica.huang@reddotpower.com.sg</a> Office Tel: +65 6659 5843, Ext: 108



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**Company Profile:**

Sembcorp Industries is a leading energy, water, marine and urban development group with operations across five continents worldwide. With facilities of around 11,000 megawatts of gross power capacity and close to 9 million cubic metres of water per day in operation and under development, Sembcorp is a trusted provider of essential energy and water solutions to both industrial and municipal customers. It is also a world leader in offshore and marine engineering, as well as an established brand name in urban development.



**Objective of mission:**

We are looking for new ways to improve how we operate our power, water and renewable businesses. We seek differentiating technologies that help us win in the market.

Our areas of interest include, but not limited to:

- 1) Technologies to improve efficiency and reliability of power plants and renewables like solar and wind
- 2) Distributed energy, microgrid, and energy storage solutions
- 3) Digitalization and AI applications on power and renewable plant operation improvement

**Representatives:**

	<b>Mr Matthew Friedman</b> Chief Digital Officer Email: <a href="mailto:matthew.friedman@sembcorp.com">matthew.friedman@sembcorp.com</a> Office Tel: +65 6723 3092
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## SINGAPORE SAFETY GLASS PTE LTD

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### Company Profile:

Singapore Safety Glass (SSG) is a glass fabricating company incorporated in 1989 with the mission to provide the best trusted glass solutions to local and international markets by fabricating high-quality architectural glass products. We have sought to apply cutting-edge technology coupled with solid research and development (R&D) efforts, to create unique 'smart glass' products. To-date, we have a portfolio of more than 30 product types, and have more than 1,300 projects in over 20 countries. In light of increasing demand, SSG has established our subsidiary in Malaysia (SSG Safety Glass Sdn Bhd) to support our core line of fabricated products.

With the increasing focus on green buildings, we also have a range of products under the 'Eco' category that will be able to greatly contribute to Green Mark certification and achieve good ETTV (Envelope Thermal Transfer Value).

### Objective of mission:

To understand more about market developments and plans in Germany.

To find new technologies and products related to the global glass trade, e.g. technologies that are used to manufacture glass or special types of glass for consumers.

To seek out innovative technology that can enhance our glass manufacturing process, modernise and overcome factory issues, resolve space constraints, and develop new products for the future.

### Representatives:

	<b>Mr Gary Lee</b> Business Development Manager Email: <a href="mailto:gary@ssg.com.sg">gary@ssg.com.sg</a> Office Tel: +65 6861 5530
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### Company Profile



SP Group is a leading energy utility company in Asia Pacific. SP Group owns and operates electricity and gas transmission and distribution businesses in Singapore and Australia. It also owns and operates the world's largest underground district cooling network in Singapore, and is setting up district cooling operations in China.

SP Centre of Excellence (SP CoE) is a wholly owned subsidiary of SP Group. It was established to drive innovation and commercialisation of next-generation energy network technologies for the greater reliability, efficiency and sustainability of Singapore's energy network infrastructure.

### Objective of mission

- 1) To be updated and learn about the state of art technologies and development trends in energy industry
- 2) Visit Hannover Messe Integrated Energy show to develop partnership and collaboration opportunities
- 3) Foster partnerships between German/International deep tech companies to target the Asian market

### Representatives:

	<b>Mr Shivaprasad Lokanath</b> Deputy Director Email: <a href="mailto:shivaprasadl@spgroup.com.sg">shivaprasadl@spgroup.com.sg</a> Office Tel: +65 69167418
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**Company Profile:**

Sunseap Group is the leading solar energy system developer, owner and operator in Singapore. It operates through three key units: Sunseap Leasing, Sunseap International and Sunseap Energy. Sunseap Leasing is the first and largest solar leasing company in Singapore. Sunseap International targets markets in the South East Asian and Pacific regions. These include a 140 MegaWatt-peak (MWp) solar farm in India and a 10 MWp solar farm in Cambodia. Sunseap Energy provides clean energy solutions utilising off-site arrangements by drawing on solar systems within the Group's portfolio of distributed generation assets. A notable client is Apple, which recently signed an agreement with Sunseap to procure 100% of its local energy requirements from renewable sources.

**Objective of mission:**

- 1) To understand if there is a block chain company that has commercial peer to peer transactions in Europe and to understand applications as we have a few ideas and contacts on implementing blockchain for clean energy transactions in Asia (i.e. carbon trading, microgrid, selling to consumer homes from commercial solar etc).
- 2) To meet a company with competitive energy storage costs and solutions for frequency regulation or handling issues with grids that have too much renewable power. We are also keen on battery EMS that are smart to arbitrage time of day/use price deltas.
- 3) Low cost intelligent metering for block chain and solar applications especially distributed rooftops
- 4) Solar O&M companies with >20MW track record and are keen to expand and invest in Asia
- 5) To meet finance entities and / or companies willing to fund Asia solar projects on debt (long term > 12 years) and equity
- 6) Any technology that can increase the returns of a solar project without additional costs that impact returns
- 7) To meet any companies keen to raise financing for their technology, products, platform or services

**Representatives:****Mr Camillus Yang**

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